

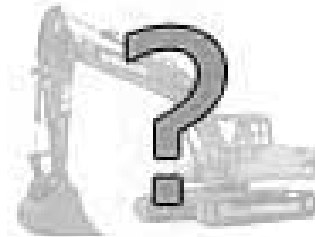


CONSTRUCTION EQUIPMENT

SPM673743 SENNEBGEN 835ME 835.0.2845 - LEFT SWING DRIVE



Sample No: VCP437163
Oil Type: MOBIL SHC 630
Job No: SPM673743



SAMPLE INFORMATION

Sample Number	VCP437163	VCP433297	VCP406640	VCP400513
Sample Date	07 Feb 2024	10 Nov 2023	04 Aug 2023	22 Mar 2023
Machine Hours	6681	6152	5542	4535
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

BELSON STEEL
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OIL CONDITION

Visc @ 40°C	cSt	224	227	224	218
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CONTAMINATION

Water	%	0.076	0.726	NEG	NEG
Silicon	ppm	17	18	17	23
Sodium	ppm	0	3	0	<1
Potassium	ppm	<1	4	<1	1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	108	520	403	453
Copper	ppm	13	96	60	91
Lead	ppm	0	<1	0	0
Tin	ppm	3	13	8	9
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	4	3	4
Molybdenum	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	4	4	4
Vanadium	ppm	0	<1	0	0



ADDITIVES

Calcium	ppm	11	35	45	88
Magnesium	ppm	1	0	<1	1
Zinc	ppm	5	65	71	82
Phosphorus	ppm	440	405	363	478
Barium	ppm	0	0	1	0
Boron	ppm	0	4	2	5

Depot: BELBOU
Unique No: 10900233
Signed: Jonathan Hester
Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

